

# **BOUND PRINTED MATTER MAIL PROCESSING COST MODEL AND MEDIA MAIL – LIBRARY MAIL MAIL PROCESSING COST MODEL**

## **I. PREFACE**

### **A. Purpose and Content**

USPS-FY19-15 documents the mail processing and delivery costs for Bound Printed Matter and the mail processing unit cost estimates for the Media Mail – Library Mail price categories.

### **B. Predecessor Document**

The predecessor document for Bound Printed Matter was presented in Docket No. ACR2018, USPS-FY18-15.

The predecessor document for Media Mail – Library Mail was presented in Docket No. ACR2018, USPS-FY18-15.

### **C. Corresponding Non-Public or Public Document**

There is no non-public document that corresponds to USPS-FY19-15.

### **D. Methodology**

The Bound Printed Matter mail processing cost model relies on the same methodology presented in Docket No. ACR2018, USPS-FY18-15.

The Media Mail – Library Mail mail processing cost model also relies on the same methodology presented in Docket No. ACR2018, USPS-FY18-15. It should be noted that the formula in cell G38 in the 'Summary' worksheet has been modified to more closely align the cost avoidance calculation with the structure presented in USPS-FY19-3. The 5-digit presort cost difference is now calculated to be the difference between the aggregate Basic mail processing unit cost and the aggregate 5-digit mail processing unit cost.

### **E. Inputs / Outputs**

The Bound Printed Matter cost estimates are calculated using the following inputs:

<u><b>Input Source</b></u>	<u><b>Input Description</b></u>
USPS-FY19-1	Bound Printed Matter flat and parcel volumes Bound Printed Matter flat and parcel pounds
USPS-FY19-2	Delivery Activities costs, CS 7.2

USPS-FY19-4	Billing determinants data
USPS-FY19-7	Volume variability factors Premium pay factors Wage rates
USPS-FY19-22	Bound Printed Matter mail processing costs
USPS-FY19-23	MODS productivity data
USPS-FY19-24	Piggyback factors
USPS-FY19-25	Operations specific piggyback factors
USPS-FY19-36	Bound Printed Matter mail piece density
USPS-FY08-15	Parcel Post assumptions 2008 Delivery Unit (DU) Study data MTM-4M Time Estimates
Docket No. R2000-1, USPS-T-26, Attachment Y	ASF volume percentage
Docket No. R2000-1, USPS-T-27, Attachment H	Outgoing cost percentages
Docket No. R2000-1, USPS-LR-I-88	Productivity data
Docket No. R2000-1, USPS-LR-I-90	Productivity data
Docket No. R2000-1, USPS-LR-I-109	Dispatch profile Mail characteristics data
Docket No. R97-1, USPS-LR-H-131	Arrival profile
Docket No. R97-1, USPS-LR-H-132	Productivity data
Docket No. R97-1, USPS-LR-H-133	Container dimension data
Docket No. R84-1,	Pieces per container data

Exhibit USPS-T-14I

1982 cubic feet per piece

The Bound Printed Matter cost estimates are relied upon to develop the discounts and passthrough values contained in USPS-FY19-3.

The Media Mail – Library Mail mail processing unit cost estimates by price category are calculated using the following inputs:

<b><u>Input Source</u></b>	<b><u>Input Description</u></b>
USPS-FY19-1	Media Mail – Library Mail volumes
USPS-FY19-4	Media Mail – Library Mail Billing Determinants data
USPS-FY19-7	Volume variability factors Premium pay factors Other mail processing wage rate Overhead factors
USPS-FY19-23	MODS productivity data
USPS-FY19-25	Operations specific piggyback factors
USPS-FY19-26	Media Mail – Library Mail mail processing unit cost estimate by cost pool
USPS-FY19-36	Media Mail – Library Mail mail piece density
2019 WebEOR data	Equipment reject rates
2019 Retail Ground data	Percent of mail that is Zones 1-3 (Intra-NDC)
2019 RPW	Media Mail – Library Mail volumes by shape
2019 Special Weights Reports	Weight data
2019 ODIS data	ASF coverage factor ASF dock transfer percentage
2014 parcel field study	Productivity data Postal arrival and dispatch profiles
2010 PostalOne! data	Non-dropship entry point percentages
2009 WebEOR data	PPSM transfer volume percentage

2009 Standard Mail parcel  
field study

PPSM finalization percentage

Average container heights  
Average container fullness percentages  
Mail arrival profile  
Container space utilization percentages  
IPP operation outgoing volume percentage

The Media Mail - Library Mail cost estimates are relied upon to develop the discounts and passthrough values contained in USPS-FY19-3. The Media Mail – Library Mail weighted average model cost, proportional adjustment factor, and fixed adjustment factor are also relied upon in the Bulk Parcel Return Service (BPRS) cost study contained in USPS-FY19-16.

## II. ORGANIZATION

The Bound Printed Matter cost estimates are presented in the Microsoft Excel workbook 'USPS-FY19-15.BPM.xlsx' in the 'Summary' worksheet (page 1). Data sources are referenced in each worksheet throughout the workbook. The results are also reported in Table 1 below.

**Table 1:**  
**Bound Printed Matter Mail Processing Cost Estimates**

<b><u>Category Description</u></b>	<b><u>Cost Estimate</u></b>
DNDC Cost Savings Estimate	\$ 0.117
DSCF Cost Savings Estimate	\$ 0.460
DDU Cost Savings Estimate	\$ 0.355
Carrier Route Presort Cost Savings Estimate	\$ 0.146

The Media Mail – Library Mail cost estimates are presented in the Microsoft Excel workbook 'USPS-FY19-15.MM-LM.xlsx' in the 'Summary' worksheet (page 1). Data sources are referenced in each worksheet throughout the workbook. The results are also reported in Table 2 below:

**Table 2:**  
**Media Mail – Library Mail Mail Processing Cost Estimates**

<b><u>Category Description</u></b>	<b><u>Cost Estimate</u></b>
<b>Total Mail Processing Unit Cost Estimates</b>	
Single-Piece	\$ 2.722
Basic Presort	\$ 2.379
5-Digit Presort	\$ 0.986
<b>Mail Processing Unit Cost Savings Estimates</b>	
Basic Presort	\$ 0.343
5-Digit Presort	\$ 1.394